

BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
BERNARD L. SWEENEY*
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR
LEONARD R. SVENSSON
TERRY L. CLARK
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
DONALD J. DALEY
JOHN W. BAILEY
JOHN A. CASTELLANO
GARY D. YACURA
THOMAS S. AUCHTERLONIE
MARK J. NUELL, PH D

OF COUNSEL
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET)*
F. PRINCE BUTLER
FRED S. WHISENHUNT
JAMES W. HELLWEGE

*ADMITTED TO A BAR OTHER THAN VA

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 500 EAST
FALLS CHURCH, VA 22042-1210
USA

(703) 205-8000

FAX (703) 205-8050
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
web: http://www.bskb.com

CALIFORNIA OFFICE
COSTA MESA, CALIFORNIA

JAMES T. ELLER, JR
SCOTT L. LOWE
D. RICHARD ANDERSON
PAUL C. LEWIS
MARK W. MILSTEAD*
RICHARD J. GALLAGHER
JAYNE M. SAYDAH*
MARYANNE ARMSTRONG, PH D
KECIA J. REYNOLDS
ROBERT L. SCOTT, II
KALPANA REDDY
LARRY J. HUME

REG. PATENT AGENTS
FREDERICK R. HANDREN
MAKI HATSUMI
CRAIG A. McROBBIE
GARTH M. DAHLEN, PH D
ROBERT E. GOOZNER, PH D
MATTHEW J. LATTIG
TIMOTHY R. WYCKOFF
KRISTI L. RUPERT, PH D
HRAYR A. SAYADIAN, PH.D
MATTHEW T. SHANLEY
JASON W. RHODES
CHRISTINA F. ANNICK
SUSAN W. GORMAN, PH D
DAVID J. CHO

JC986 U.S. PTO
09/974853
10/12/01

10/12/01

09974853-101201

Date: October 12, 2001
Docket No.: 0445-0310P

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 CFR 1.41(c).

Inventor(s): TAKABAYASHI, Keima
MORI, Kazuo; SHIZUNO, Akihito

For: CLEANING SHEET

Enclosed are:

- A specification consisting of 33 pages
- 3 sheet(s) of formal drawings
- Certified copy of Priority Document(s)
- Executed Declaration in accordance with 37 CFR 1.64 will follow
- Applicant claims small entity status in accordance with 37 CFR 1.27
- Preliminary Amendment

- Information Sheet
- Information Disclosure Statement, PTO-1449 with reference(s)
- Application Data Sheet in accordance with 37 CFR 1.76
- Other _____
- Applicant requests early publication

The filing fee has been calculated as shown below:

		LARGE ENTITY		SMALL ENTITY		
FOR	NO. FILED	NO. EXTRA	RATE	FEE		
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** *****	\$740.00	or	***** ***** *****
TOTAL CLAIMS	13 - 20 =	0	x18 = \$	0.00	or	x 9 = \$ 0.00
INDEPENDENT	2 - 3 =	0	x84 = \$	0.00	or	x 42 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED	<u>no</u>		+280 = \$	0.00	or	+140 = \$ 0.00
				TOTAL \$ 740.00		TOTAL \$ 0.00

The application transmitted herewith is filed in accordance with 37 CFR 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed patent application together with the surcharge will be forwarded in due course.

A check in the amount of \$ 740.00 to cover the filing fee and recording fee (if applicable) is enclosed.

The Government Filing Fee will be paid at the time of completion of the filing requirement.

Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

FOOTNOTES

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292
P. O. Box 747
Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000

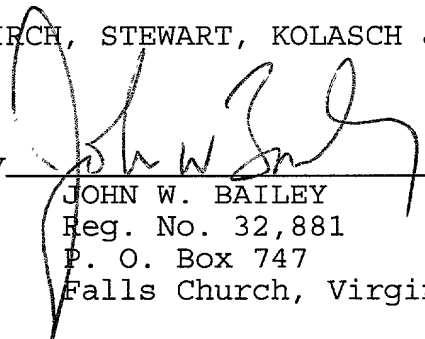
— No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By



JOHN W. BAILEY
Reg. No. 32,881
P. O. Box 747
Falls Church, Virginia 22040-0747

(703) 205-8000
JWB/rem

FOR "SECRET"